

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT2004/000716

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 B41F13/20 B41F5/24

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41F B41L G01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 615 716 B1 (FREDDO GIOVANNI ET AL) 9 September 2003 (2003-09-09)	1,2,5,6, 9,12
Y	column 2, line 30 - column 4, line 4; claim 1; figures	3,4
X	EP 0 741 009 A (WINDMOELLER & HOELSCHER) 6 November 1996 (1996-11-06)	1,2,8,9, 12
X	column 2 - column 6, line 46; claims; figures	
X	EP 0 596 244 A (HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT)	1,2,8,9, 12
Y	11 May 1994 (1994-05-11) the whole document	3,4
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

6 May 2005

Date of mailing of the international search report

17/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Thanbichler, P

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IT2004/000716

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 352 599 A (M.A.N.-ROLAND DRUCKMASCHINEN AKTIENGESELLSCHAFT) 31 January 1990 (1990-01-31)	1,2,5,6, 8,9,12
Y	column 2, line 12 - column 7, line 13; claims; figures	3,4
X	EP 0 678 381 A (MAN ROLAND DRUCKMASCHINEN AG) 25 October 1995 (1995-10-25)	1,2,8,12
Y	claims; figures	3,4
Y	EP 0 640 812 A (PRAXAIR S.T. TECHNOLOGY, INC) 1 March 1995 (1995-03-01) page 2, lines 8-10	3,4

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT2004/000716

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6615716	B1	09-09-2003	IT VR980037 A1	05-11-1999
			AT 246997 T	15-08-2003
			AU 765152 B2	11-09-2003
			AU 2694299 A	11-11-1999
			BR 9901452 A	29-02-2000
			CA 2269944 A1	05-11-1999
			CN 1245114 A ,C	23-02-2000
			DE 69910299 D1	18-09-2003
			DE 69910299 T2	25-03-2004
			EP 1158189 A1	28-11-2001
			EP 0955161 A2	10-11-1999
			ES 2205626 T3	01-05-2004
			JP 11334029 A	07-12-1999
			US 6125752 A	03-10-2000
EP 0741009	A	06-11-1996	DE 19516004 A1	07-11-1996
			CZ 9601148 A3	13-11-1996
			DE 59601976 D1	01-07-1999
			EP 0741009 A2	06-11-1996
			ES 2131885 T3	01-08-1999
			JP 8300611 A	19-11-1996
			US 5617789 A	08-04-1997
EP 0596244	A	11-05-1994	US 5241905 A	07-09-1993
			DE 4332364 A1	28-04-1994
			DE 59302256 D1	23-05-1996
			EP 0596244 A1	11-05-1994
			JP 3117592 B2	18-12-2000
			JP 6191007 A	12-07-1994
			US RE35646 E	04-11-1997
EP 0352599	A	31-01-1990	DE 3825600 A1	08-02-1990
			CA 1322124 C	14-09-1993
			DE 58904051 D1	19-05-1993
			EP 0352599 A2	31-01-1990
			JP 2258260 A	19-10-1990
			JP 2815407 B2	27-10-1998
			US 5005475 A	09-04-1991
EP 0678381	A	25-10-1995	DE 4414084 A1	26-10-1995
			CA 2147681 A1	23-10-1995
			DE 59501677 D1	30-04-1998
			EP 0678381 A1	25-10-1995
			JP 2637059 B2	06-08-1997
			JP 7290684 A	07-11-1995
			US 5522316 A	04-06-1996
EP 0640812	A	01-03-1995	US 5438864 A	08-08-1995
			CA 2130650 A1	26-02-1995
			DE 69421581 D1	16-12-1999
			DE 69421581 T2	18-05-2000
			EP 0640812 A2	01-03-1995
			ES 2138021 T3	01-01-2000
			JP 2767555 B2	18-06-1998
			JP 7174605 A	14-07-1995
			SG 43810 A1	14-11-1997